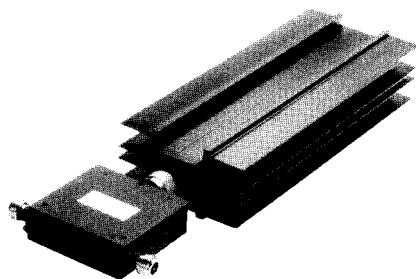


# High-Power Products

Channel Microwave Corporation offers a complete line of coaxial and waveguide high-power handling products. Listed below is a cross-section of our ever-expanding design library. In many cases, a standard high-power design exists for your application. If one of the listings below does not match your current application, contact your local Channel Microwave sales representative. By discussing the various tradeoffs between bandwidth, peak and average power, temperature and size, a design can be tailored to meet your requirements. In each case listed below, higher average power handling designs are available.

## HIGH-POWER COAXIAL PRODUCTS



| MODEL NUMBER | FREQUENCY (MHz) | R.F. POWER WATTS PK. | WATTS CW (MAX) | ISOLATION (dB MIN) | INS. LOSS (dB MAX) | VSWR (MAX) | DIMEN., INCHES (L x H x W) |      |      |
|--------------|-----------------|----------------------|----------------|--------------------|--------------------|------------|----------------------------|------|------|
| VH320        | 400-450         | 5 KW                 | 1000           | 23                 | 0.2                | 1.15:1     | 2.75                       | 2.87 | 1.00 |
| VH321        | 400-500         | 5 KW                 | 800            | 20                 | 0.3                | 1.20:1     | 2.75                       | 2.87 | 1.00 |
| VH322        | 425-550         | 5 KW                 | 600            | 20                 | 0.4                | 1.20:1     | 2.75                       | 2.87 | 1.00 |
| UH320        | 880-920         | 5 KW                 | 500            | 25                 | 0.2                | 1.12:1     | 1.88                       | 2.12 | 1.00 |
| ULH320       | 960-1220        | 5 KW                 | 400            | 22                 | 0.3                | 1.17:1     | 1.50                       | 1.63 | 0.75 |
| LH320        | 1030-1090       | 5 KW                 | 400            | 25                 | 0.2                | 1.12:1     | 1.50                       | 1.63 | 0.75 |
| LH321        | 1300-1500       | 5 KW                 | 300            | 23                 | 0.3                | 1.15:1     | 1.25                       | 1.38 | 0.75 |
| SH320        | 2900-3100       | 2 KW                 | 200            | 23                 | 0.3                | 1.15:1     | 1.75                       | 1.88 | 0.75 |
| CH320        | 5925-6425       | 1 KW                 | 75             | 23                 | 0.2                | 1.15:1     | 1.00                       | 1.12 | 0.75 |
| CXH320       | 7900-8400       | 600                  | 50             | 23                 | 0.2                | 1.15:1     | 0.88                       | 1.12 | 0.75 |

- NOTES: 1. All units are circulators. Terminated models (isolators) are available. Please specify reverse power (peak and average).  
 2. All units have Type "N" female connectors.